

## ABSTRACT OF THE DISCLOSURE

A vehicle braking system and method of control is disclosed which includes electromagnetic and friction braking functionality. The electromagnetic braking system includes a generator  
5 which supplies power to eddy current devices. Accordingly, the eddy current devices apply a retarding torque on the wheels of the vehicle. In the event the generator is unable to supply a predetermined amount of power to eddy current devices, friction braking is activated thereby enhancing braking performance.